CLAIMS

1. A high Cr Ni-based alloy filler material comprising, in percent by weight, C: 0.04% or less, Si: 0.01 to 0.5%, Mn: 7% or less, Cr: 28 to 31.5%, Nb: 0.5% or less, Ta: 0.005 to 3.0%, Fe: 7 to 11%, Al: 0.01 to 0.4%, Ti: 0.01 to 0.45%, V: 0.5% or less, and, as inevitable impurities, P: 0.02% or less, S: 0.015% or less, O: 0.01% or less, N: 0.002 to 0.1%, and the balance: Ni.

2. The high Cr Ni-based alloy filler material according to claim 1, further comprising, in percent by weight, one or more sorts of elements selected from B, Zr and rare earth elements: 0.01% or less.

3. The high Cr Ni-based alloy filler material according to claim 1 or 2, further comprising, in percent by weight, Ca: 0.01% or less and Mg: 0.01% or less.

4. A welding rod for shielded metal arc welding from which a weld metal can be formed, the weld metal comprising, in percent by weight, C: 0.04% or less, Si: 0.01 to 0.5%, Mn: 7% or less, Cr: 28 to 31.5%, Nb: 0.5% or less, Ta: 0.005 to 3.0%, Fe: 7 to 11%, V: 0.5% or less, as inevitable impurities, P: 0.02% or less, S: 0.015% or less, N: 0.002 to 0.1% and the balance: Ni.

5. The welding rod for shielded metal arc welding according to

claim 4, wherein the weld metal further comprises, in percent by weight, Al: 0.01 to 0.4%, Ti: 0.01 to 0.45% and one or more sorts of elements selected from B, Zr and rare earth elements: 0.01% or less.

6. A weld metal formed by shielded metal arc welding, comprising, in percent by weight, C: 0.04% or less, Si: 0.01 to 0.5%, Mn: 7% or less, Cr: 28 to 31.5%, Nb: 0.5% or less, Ta: 0.005 to 3.0%, Fe: 7 to 11%, V: 0.5% or less, and as inevitable impurities, P: 0.02% or less, S: 0.015% or less, N: 0.002 to 0.1%, and the balance: Ni.

7. The weld metal according to claim 6, further comprises, in percent by weight, Al: 0.01 to 0.4%, Ti: 0.01 to 0.45% and one or more elements selected from B, Zr and rare earth elements: 0.01% or less.